






Standard Combinations

Modular Air Combination Units

Standard combinations only — other combinations of Modular units are possible.

| Model/Series | Port size | Filter NAF | Regulator NAR | Lubricator NAL | Filter Regulator | Mist Separator |
|---|-------------|-----------------|------------------|-------------------|---------------------|-------------------|
|  | NAC1000 | 10-32 Nom. (M5) | NAF1000 | NAR1000 | NAL1000 | |
| | NAC2000 | 1/8 • 1/4 | NAF2000 | NAR2000 | NAL2000 | |
| | NAC2500 | 1/4 • 3/8 | NAF3000 | NAR2500 | NAL3000 | |
| | NAC3000 | 1/4 • 3/8 | NAF3000 | NAR3000 | NAL3000 | |
| | NAC4000 | 1/4 • 3/8 • 1/2 | NAF4000 | NAR4000 | NAL4000 | |
| | NAC4000-N06 | 3/4 | NAF4000-N06 | NAR4000-N06 | NAL4000-N06 | |
| | NAC5000 | 3/4 • 1 | NAF5000 | NAR5000 | NAL5000 | |
| | NAC5500 | 1 | NAF6000 | NAR5000 | NAL6000 | |
| | NAC6000 | 1 | NAF6000 | NAR6000 | NAL6000 | |
|  | NAC1010 | 10-32 Nom. (M5) | | | NAL1000 | NAW1000 |
| | NAC2010 | 1/8 • 1/4 | | | NAL2000 | NAW2000 |
| | NAC3010 | 1/4 • 3/8 | | | NAL3000 | NAW3000 |
| | NAC4010 | 1/4 • 3/8 • 1/2 | | | NAL4000 | NAW4000 |
| | NAC4000-N06 | 3/4 | | | NAL4000-N06 | NAW4000-N06 |
|  | NAC1020 | 10-32 Nom. (M5) | NAF1000 | NAR1000 | | |
| | NAC2020 | 1/8 • 1/4 | NAF2000 | NAR2000 | | |
| | NAC2520 | 1/4 • 3/8 | NAF3000 | NAR2500 | | |
| | NAC3020 | 1/4 • 3/8 | NAF3000 | NAR3000 | | |
| | NAC4020 | 1/4 • 3/8 • 1/2 | NAF4000 | NAR4000 | | |
| | NAC4020-N06 | 3/4 | NAF4000-N06 | NAR4000-N06 | | |
| | NAC5020 | 3/4 • 1 | NAF5000 | NAR5000 | | |
| | NAC5520 | 1 | NAF6000 | NAR5000 | | |
| | NAC6020 | 1 | NAF6000 | NAR6000 | | |
|  | NAC2030 | 10-32 Nom. (M5) | NAF2000 | NAR2000 | | NAFM2000 |
| | NAC2530 | 1/8 • 1/4 | NAF3000 | NAR2500 | | NAFM3000 |
| | NAC3030 | 1/4 • 3/8 | NAF3000 | NAR3000 | | NAFM3000 |
| | NAC4030 | 1/4 • 3/8 • 1/2 | NAF4000 | NAR4000 | | NAFM4000 |
| | NAC4030-N06 | 3/4 | NAF4000-N06 | NAR4000-N06 | | NAFM4000-N06 |
|  | NAC2040 | 1/8 • 1/4 | | | NAW2000 | NAFM2000 |
| | NAC3040 | 1/4 • 3/8 | | | NAW3000 | NAFM3000 |
| | NAC4040 | 1/4 • 3/8 • 1/2 | | | NAW4000 | NAFM4000 |
| | NAC4040-N06 | 3/4 | | | NAW4000-N06 | NAFM4000-N06 |



Country code

- - Asia, Australia, Japan
- N - North America
- E - Europe

Air Combination

Body size

| | | | | | |
|----|-----|----|-----|----|---|
| 10 | M5 | 30 | 3/8 | 55 | 1 |
| 20 | 1/8 | 40 | 1/2 | 60 | 1 |
| 25 | 1/4 | 50 | 3/4 | | |

Components

| Code | Air Filter (NAF) | Regulator (NAR) | Lubricator (NAL) | Filter Regulator (NAW) | Mist Separator (NAFM) |
|------|------------------|-----------------|------------------|------------------------|-----------------------|
| 00 | ① | ② | ③ | — | — |
| 10 | — | — | ② | ① | — |
| 20 | ① | ② | — | — | — |
| 30 | ① | ③ | — | — | ② |
| 40 | — | — | — | ① | ② |

Note: Order of assembly

Example

- 00—NAF+NAR+NAL
- 10—NAW+NAL (Only NAC1000-NAC4000)
- 20—NAF+NAR
- 30—NAF+NAFM+NAR (Only NAC2000-NAC4000)
- 40—NAW+NAFM (Only NAC2000-NAC4000)

Port thread

- Nil — Rc(PT)
- F — G(PF)
- N — NPT

Port size

| | | | |
|----|-----------------|----|-----|
| M5 | 10-32 Nom. (M5) | 04 | 1/2 |
| 01 | 1/8 | 06 | 3/4 |
| 02 | 1/4 | 10 | 1 |
| 03 | 3/8 | | |

Accessory

| Code | Description | Applicable model |
|------|----------------|--|
| C | Auto drain | Float type(N.C.):NAC2500-NAC6000 |
| D | Auto drain | Differential pressure:NAC1000,NAC2000 Float type: (N.O.): NAC2500-NAC6000 |
| G | Pressure gauge | NAC1000-6000 |

Optional specifications

- Nil — None
- 1 — 0.02-0.2MPa (3-30 Psig)Setting (Regulator)*
- 2 — Metal bowl (Filter•Lubricator)
- 3 — Lubricator with drain cock
- 4 — 0.02-0.4MPa (3-60 Psig) Setting (Regulator)
- 6 — Nylon bowl (Filter•Lubricator)
- 8 — Metal bowl with level gauge (Filter•Lubricator) (NAC3000-NAC6000)
- C — With bowl guard (Only NAC2000)
- J — Drain guide 1/4 pipe thread (NAC2500-NAC6000)
- N — Non-relieving
- R — IN-OUT reversal (Right → Left)
- W — Drain cock w/barb fitting for nylon tube (ø6mm OD/ø4mm ID)
- X — "L" Brackets instead of "T" or "T" instead of "L"

Note: When specifying more than one option, please list numerically then, alphabetically. **Example:** 2NR

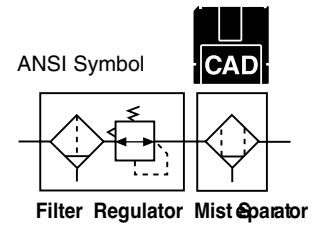
*Not a maximum setting. Option 1 is more precise in the range of 3-30 psig. Option 4 is more precise in the range of 3-60 psig.

Attachment

| Code | Description | Location | Applicable model | Air entry port size |
|------|---|---|---|---|
| Nil | — | — | — | — |
| K | Check valve | NAF+NAR+ (K) +NAL NAW+ (K) +NAL | NAC2000-NAC4000 NAC2010-NAC4010 | NAC2000:1/8 NAC2500:1/4 NAC3000:1/4 NAC4000:3/8 |
| S | Pressure Switch | NAF+NAR+ (S) +NAL NAF+ (S) +NAR NAF+NAFM+ (S) +NAR | NAC2000-NAC6000 NAC2020-NAC6020 NAC2030-NAC4030 | — |
| T | T-Type Spacer | NAF+ (T) +NAR+NAL NAF+ (T) +NAR NAF+NAFM+ (T) +NAR | NAC1000-NAC6000 NAC1020-NAC6020 NAC2030-NAC4030 | NAC1000:10-32 Nom NAC2000:1/8 NAC2500:1/4 NAC3000:1/4 NAC4000:3/8 NAC5000:3/8 NAC6000:1/2 |
| V | 3-Port relieving shut-off valve | NAF+NAR+NAL+ (V) NAW+NAL+ (V) NAF+NAR+ (V) NAF+NAFM+NAR+ (V) NAW+NAFM+ (V) | NAC2000-NAC4000 NAC2010-NAC4010 NAC2020-NAC4020 NAC2030-NAC4030 NAC2040-NAC4040 | — |
| LV | Locking 3-Port relieving shut-off valve | (LV) +NAF+NAR+NAL (LV) +NAW+NAL (LV) +NAF+NAR (LV) +NAF+NAFM+NAR (LV) +NAW+NAFM | NAC2000-NAC6000 NAC2010-NAC4010 NAC2020-NAC6020 NAC2030-NAC4030 NAC2040-NAC4040 | — |

Note (1) Specify alphabetically when having two codes or more.

Filter/Regulator + Mist Separator
NAC2040, 3040, 4040



Specifications (for "How to Order" see page 13)

| Model | | NAC2040 | NAC3040 | NAC4040 | NAC4040-N06 |
|------------------------------------|------------------|--------------------------|-----------|-----------------|--------------|
| Combination | Filter regulator | NAW2000 | NAW3000 | NAW4000 | NAW4000-06 |
| | Mist separator | NAFM2000 | NAFM3000 | NAFM4000 | NAFM4000-N06 |
| Port size NPT | | 1/8 • 1/4 | 1/4 • 3/8 | 1/4 • 3/8 • 1/2 | 3/4 |
| Port size for pressure gauge | | 1/8 NPT | 1/8 NPT | 1/4 NPT | 1/4 NPT |
| Proof pressure psig (MPa) | | 220 (1.5) | | | |
| Max. operating pressure psig (MPa) | | 150 (1.0) | | | |
| Regulating range psig | | 7~120 (0.05 ~ 0.85) | | | |
| Max. flow rate scfm* | | 5 | 11.8 | 28 | 28 |
| Ambient and media temperature | | 23° ~140° F (-5 ~ 60° C) | | | |
| Filtration | | AW: 5µm, NAFM: 0.3µm | | | |
| Oil mist removal rate | | More than 99.9% | | | |
| Bowl material | | Polycarbonate | | | |
| Construction of filter/regulator | | Relieving style | | | |
| Weight lbs. | | 1.39 | 2.14 | 4.21 | 4.39 |
| Accessories (standard) | Bowl guard | ● | ● | ● | ● |
| | Bracket | B210T | B310T | B410T | B510T |

* Conditions: Supply pressure - (100psig), Setting pressure - (70psig).

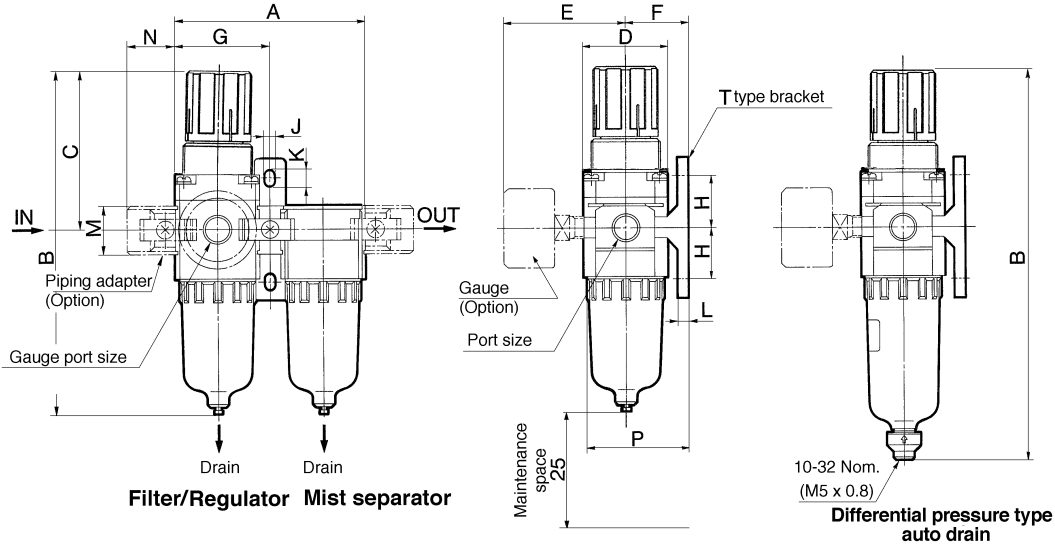
Attachments/Accessories (Optional)

| Type | Part No. | | | | | |
|---------------------------------------|-------------------|-----------------------|-----------------------|------------------------------|-----------------|-------|
| | NAC2040 | NAC3040 | NAC4040 | NAC4040-N06 | | |
| Attachments | Lock-out valve | NVHS2500-□01 | NVHS3500-□02 | NVHS4500-□02 □03 □04 | — | |
| | Shut-off valve | NVHS2000-□01 □02 | NVHS3000-□02 □03 | NVHS4000-□02 □03 □04 | — | |
| | Cross spacer | Y24-□01 □02 | Y34-□01 □02 | Y44-□02 □03 | Y54-□03 □04 | |
| Accessories | Spacer | Y20 | Y30 | Y40 | Y50 | |
| | Piping adaptor** | E20-□01 □02 □03 | E30-□02 □03 □04 | E40-□02 □03 □04 □06 | E50-□06 | |
| | Pressure gauge | K40A-MP1.0-N01M | K40A-MP1.0-N01M | K50A-MP1.0-N02M | K50A-MP1.0-N02M | |
| | Float auto drain* | N.O. | — | NAD43 | NAD44 | NAD44 |
| | | N.C. | — | NAD53 | NAD54 | NAD54 |
| Differential pressure type auto drain | NAD62-C | — | — | — | | |

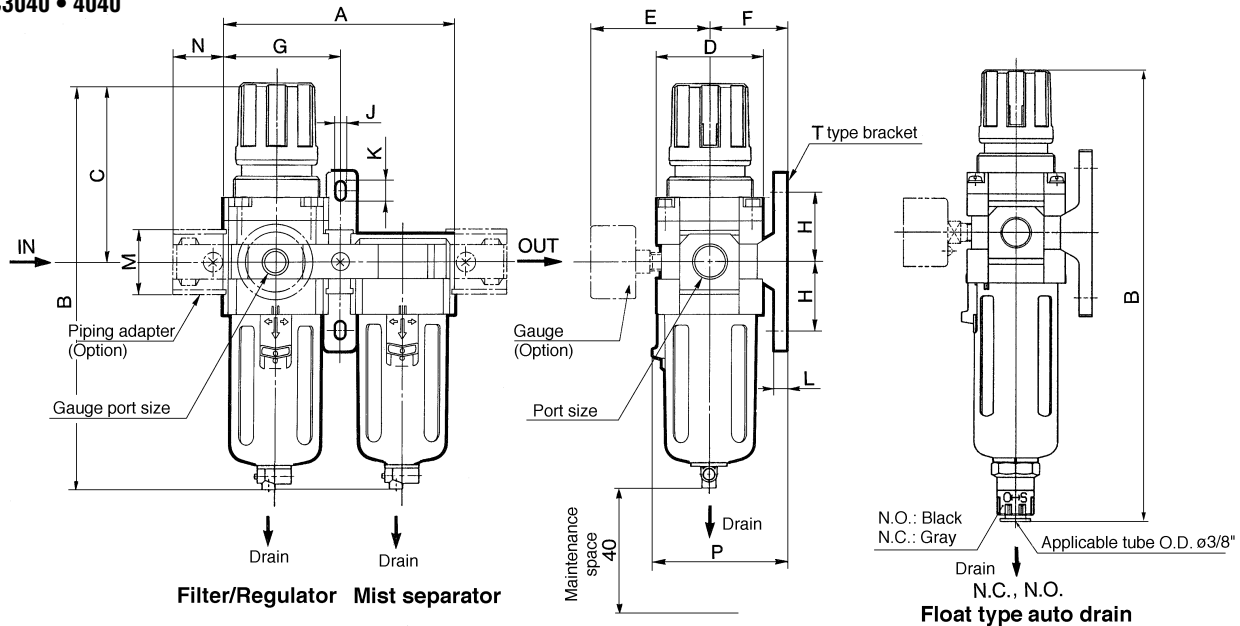
* Min. operating pressure: N.O. - (15psig), N.C. - (22psig).

Port size: M5 = M5 x 0.8, □01 = 1/8, □02 = 1/4, □03 = 3/8, □04 = 1/2, □06 = 3/4

NAC2040



NAC3040 • 4040



| Model | Port size | A | B | C | D | E | F | G | H | J | K | L | M | N | P | Float | Differential pressure |
|-------------|-----------|------------|--------------|-------------|-----------|-----------|-----------|-------------|-----------|------------|------------|----------|-------------|------------|-------------|--------------|-----------------------|
| | | (90) | (164.5) | (78) | (40) | (58) | (30) | (45) | (24) | (5.5) | (8.5) | (5) | (22) | (23) | (50) | — | 7.38 (187.5) |
| NAC2040 | 1/8• 1/4 | 3.54 (90) | 6.48 (164.5) | 3.07 (78) | 1.57 (40) | 2.28 (58) | 1.18 (30) | 1.77 (45) | 0.94 (24) | 0.22 (5.5) | 0.33 (8.5) | 0.20 (5) | 0.87 (22) | 0.91 (23) | 1.97 (50) | — | 7.38 (187.5) |
| NAC3040 | 1/4• 3/8 | 4.61 (117) | 8.17 (207.5) | 3.64 (92.5) | 2.09 (53) | 2.44 (62) | 1.61 (41) | 2.30 (58.5) | 1.38 (35) | 0.28 (7) | 0.43 (11) | 0.28 (7) | 1.35 (34.2) | 1.02 *(26) | 2.78 (70.5) | 9.78 (248.5) | — |
| NAC4040 | 3/8• 1/2 | 6.06 (154) | 10.20 (259) | 4.41 (112) | 2.76 (70) | 2.76 (70) | 1.97 (50) | 3.03 (77) | 1.57 (40) | 0.35 (9) | 0.51 (13) | 0.28 (7) | 1.66 (42.2) | 1.30 *(33) | 3.46 (88) | 11.81 (300) | — |
| NAC4040-N06 | 3/4 | 6.46 (164) | 10.35 (263) | 4.49 (114) | 2.76 (70) | 2.91 (74) | 1.97 (50) | 3.23 (82) | 1.57 (40) | 0.35 (9) | 0.51 (13) | 0.28 (7) | 1.82 (46.2) | 1.42 (36) | 3.46 (88) | 11.97 (304) | — |

*Piping adapter with 1/2" port used on NAC3040 is 1.57 (40). Piping adapter with 3/4" port used on NAC4040 is 1.97 (50).

Semi-standard type

| Model | Metal Bowl | Metal bowl with level gauge |
|-------------|---------------|-----------------------------|
| | B | B |
| NAC2040 | 6.48 (164.5) | — |
| NAC3040 | 8.68 (220.5) | 9.47 (240.5) |
| NAC4040 | 10.71 (272) | 11.50 (292) |
| NAC4040-N06 | 10.89 (276.5) | 11.67 (296.5) |